

Peak District National Park

Forecast valid from 06:00 on Monday 07 Aug 2023 until 23:59 on Tuesday 08 Aug 2023

Forecast Issued on Monday 07 Aug 2023 at 02:01

Confidence: Some uncertainty regarding track of low pressure bringing and rain on Tuesday, and therefore timing of the clearance. Moderate confidence for cloud details Wednesday and Thursday.

Headline for Monday 07 Aug 2023: Largely dry with sunny spells.

Mountain weather hazards on Monday 07 Aug 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability					
20%	20%	20%	20%	<05%	<05%

Forecast for Monday 07 Aug 2023

Weather: A few patches of mist, fog and low cloud forming around dawn. These lifting and clearing early on Monday morning to leave a largely dry day with sunny spells, however the odd light shower is possible. Any showers dying away by the evening to leave predominantly clear skies.

Chance of cloud-free hill tops above 600m: 40% becoming 90-100% by late morning.

Low cloud and visibility: Patches of mist and fog lifting through the early morning. Low cloud base 300-400m at first should lift above the summits by late morning. Visibility generally good or very good, but poor to very poor in mist and fog and cloud covering hills.

Forecast for Monday 07 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/19 W	15/21 W	18/25 W	19/26 W	17/24 W	13/21 W	13/18 SW
300	10/13 W	12/17 W	15/23 W	16/24 W	12/20 W	8/13 SW	9/15 SW
Valley	6/13 W	8/17 W	12/23 W	13/24 W	11/21 W	5/14 W	4/12 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	10/7	12/8	12/9	11/8	10/7	9/6
300	11/9	12/10	14/11	15/12	14/12	12/11	11/9
Valley	12/11	14/12	16/13	16/14	15/13	13/12	12/11
Freezing Level*	1900m	1900m	1900m	1900m	1900m	2000m	2200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Breezy on exposed summits and ridges, so extra layers advisable, as well as sun protection for high UV levels.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 07 Aug 2023	0.2mm	19.2mm	21.2mm

Forecast for Tuesday 08 Aug 2023

Weather: Cloudy with fairly persistent rain and drizzle, mostly light, but with the odd heavier burst possible. Rain and cloud should clear southwards through the late afternoon to leave a fine and dry end to the day, with skies becoming predominantly clear.

Maximum wind: Westerly 10-15mph gusting 20mph.

Chance of cloud-free hill tops above 600m: 20% increasing to 80% in the evening.

Low cloud and visibility: Widespread cloud base 300m or below for much of the day. Late afternoon low cloud should begin to clear from the north, with any remaining cloud above the summits. Visibility very poor in low cloud and drizzle, but becoming good to very good if low cloud clears later.

Temperature: **Valleys:** Plus 10 Celsius becoming plus 16 Celsius.
At 600m: Plus 10 Celsius.
Freezing level: Above the summits.